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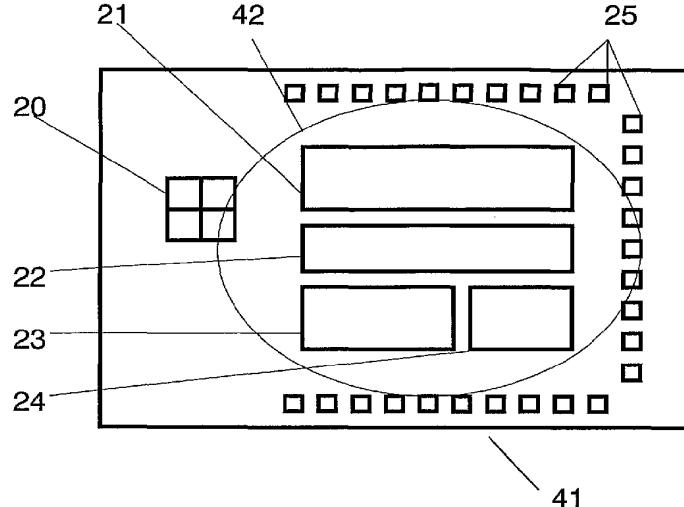
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(54) Title: BLOOD PRESSURE MONITORING DEVICE AND METHODS FOR MAKING AND FOR USING SUCH A DEVICE



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(57) Abstract: Disclosed are a system and a method for noninvasively and continuously monitoring blood pressure. Also disclosed is a method for making such a device. The system includes a semiconductor chip comprising a transducer array of individual pressure or force sensors and associated circuitry providing control signals to and/or processing signals from these sensors, all of the above integrated in the chip. Also disclosed is a specific sensor structure provided on said chip. The invention further encompasses a system for measuring and/or tracking the blood pressure waveform and for combining the latter with related blood values like the heartbeat, derived from the above or other measuring devices.



TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
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